18-INCH 13-AMP ELECTRIC SNOW THROWER

Model SJ618E

Form No. SJ-SJ618E-880E-M

A Division of Snow Joe®, LLC

OPERATOR'S MANUAL

IMPORTANT!

Safety Instructions

All Operators Must Read These Instructions Before Use

Any electrical appliance can be dangerous if used incorrectly. Some of the safety precautions given in this manual apply generally to many appliances. Other warnings are specific to the use of this snow thrower. Keep this manual for future reference.

General Safety WARNINGS!

You and any other operator of this snow thrower must read, understand, and follow these instructions in their entirety, and should reread them at the start of each snow season. Failure to follow these instructions may result in **ELECTRIC SHOCK**, **FIRE**, and/or serious **PERSONAL INJURY**.

Notice the personal safety alert symbol ⚠ used in this manual to draw your attention to a WARNING given along with the particular operating instruction. This means that the operation requires special ATTENTION, CAUTION, and AWARENESS.

1. **Keep work area clean and well lit.** Cluttered, dark areas invite accidents.
2. **Do not operate the snow thrower in an explosive atmosphere,** such as in the presence of flammable liquids, gases, or dust. Electrical appliances create sparks that may ignite the dust or fumes.
3. **Keep children, pets, and bystanders away from the work area.** Be aware that the normal noise of the machine when turned on may make it difficult for you to hear approaching people. Spectators should wear safety glasses and be kept a safe distance away from the work area. Do not let spectators touch the snow thrower or the extension cord.
4. **Electrical plugs must match the outlet.** Never modify the plug in any way. Do not use any adapter plugs with grounded appliances. Unmodified plugs and matching outlets will reduce the risk of electric shock.
5. **Avoid body contact with earthed or grounded surfaces** (i.e. upper and lower water pipes, radiators, ranges, refrigerators, microwave ovens, and outer frames of heating equipment). Take necessary precautions to avoid electric shock. There is an increased risk of electric shock if your body is earthed or grounded.
6. **Do not abuse the cord.** Keep the cord away from heat, oil, sharp edges, or moving parts. Never carry the snow thrower by its cord or yank the cord to disconnect it from the electrical outlet. Damaged or entangled cords increase the risk of electric shock.
7. **Replace or properly repair damaged cords.** If the cord becomes damaged in any manner while plugged into the wall receptacle, immediately pull the extension cord plug from the receptacle.
8. **Contact with water while operating the snow thrower can result in electric shock and serious bodily injury.** Do not use the snow thrower in damp or wet locations or expose to rain. Do not handle the plug or the appliance with wet hands or while standing in water.
9. **⚠WARNING – Use outdoor extension cords marked SW-A, SOW-A, STW-A, STOW-A, SJW-A, SJTW-A, or SJTOWA. These cords are rated for outdoor use and reduce the risk of electric shock.**
10. **Turn off the power switch and disconnect the power cable before making any adjustments to the unit and before inspecting, servicing, changing accessories, or cleaning the snow thrower. Follow the same procedure if any other dangerous conditions are present during operation.** Any adjustments to the unit should be performed after revolving parts inside the snow thrower stop completely. Such preventative safety measures reduce the risk of starting the power tool accidentally.
11. **If you find the main power cable or the extension cable damaged, please pull out the plug from the socket and disconnect the power immediately.** Repair the cable or replace it if necessary.
12. **When replacing any parts, you must strictly observe the instructions and procedures described in this operator's manual.** Special care should be paid to any rubber parts, since these parts may increase the engine load and decrease its mechanical power if damaged.
13. **Do not move or transport the snow thrower when the plug is connected to the power socket and the switch is turned on.**
14. **If, during use, you notice that the unit runs unstably or hear abnormal sounds from the engine, stop the machine, disconnect the power immediately and contact an authorized Snow Joe® + Sun Joe® service center.**

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SAVE THESE INSTRUCTIONS

Electrical Safety

1. Ground fault circuit interrupter (GFCI) protection should be provided on the circuit(s) or outlet(s) to be used for the snow thrower. Receptacles are available having built-in GFCI protection and may be used for this measure of safety.
2. To prevent electric shock, use only with an extension cord suitable for outdoor use, such as SW-A, SOW-A, STW-A, STOW-A, SJW-A, SJOW-A, SJTW-A, or SJTOW-A.

   Before use, check that the extension cord is in good condition. When using an extension cord, make sure to use one heavy enough to carry the current your product will draw. For lengths less than 50 ft (15 m), a No.14 AWG (or greater) extension cord should be used. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating.
3. To reduce the risk of electric shock, this appliance has a polarized plug (i.e. one blade is wider than the other). Use this appliance only with a polarized UL-, CSA-, or ETL-rated extension cord for outdoor, all-weather use. The appliance plug will fit into a polarized extension cord only one way.

   If the appliance plug does not fit fully into the extension cord, reverse the plug. If the plug still does not fit, obtain a correct polarized extension cord. A polarized extension cord will require the use of a polarized wall outlet. The extension cord plug will fit into the polarized wall outlet only one way. If the plug does not fit fully into the wall outlet, reverse the plug. If the plug still does not fit, contact a qualified electrician to install the proper wall outlet. Do not modify the appliance plug, extension cord receptacle, or extension cord plug in any way.

⚠ WARNING! ⚠

Electric shock may cause SEVERE INJURY or DEATH. Heed these warnings:

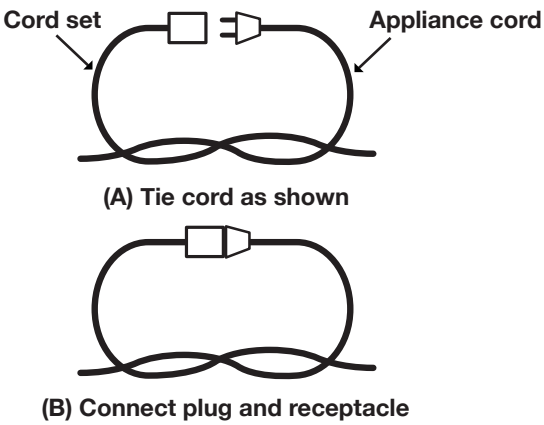
- Do not allow any part of the snow thrower to make contact with water while it is in operation. If the appliance becomes wet while turned off, wipe dry before starting.
- Use only a UL-, CSA-, or ETL-rated extension cord for outdoor, all-weather use, such as the Snow Joe® + Sun Joe® Power Joe SJTW-A 14-gauge 50-foot extension cord with lighted end (Model PJEXT50-B). Visit snowjoe.com to purchase this extension cord online or, to order by phone, call 1-866-SNOWJOE (1-866-766-9563).
- Do not use an extension cord over 100 ft (30 m).
- Do not touch the appliance or its plug with wet hands or while standing in water. Wearing rubber boots offers some protection.

EXTENSION CORD CHART

Cord Length:	50 ft (15 m)	100 ft (30 m)
Min. Wire Gauge (A.W.G.):	14	12

4. To prevent the appliance cord from disconnecting from the extension cord during operation, use the on-board cord restraint hook and/or make a knot with the two cords as shown in Table 1.

Table 1. Method of Securing Extension Cord



(A) Tie cord as shown

(B) Connect plug and receptacle

5. Do not abuse the cord. Never pull the snow thrower by the cord or yank the cord to disconnect it from the receptacle. Keep the cord away from heat, oil, and sharp edges.

Personal Safety

1. **Stay alert –** Watch what you are doing and use common sense when operating the snow thrower. Do not use the machine when tired, ill, or under the influence of drugs, alcohol, or medication. A moment of inattention may result in serious personal injury.
2. **Wear proper clothing –** Wearing rubber boots offers additional protection from electric shock. Do not wear loose clothing or jewelry that may become caught in the machine. Wear protective headgear to keep hair away from revolving parts of the machine. Safety glasses offer better protection than everyday eyeglasses.
3. **Moving parts present risks –** Keep your face, hair, clothing, hands, and feet away from moving parts. All guards and safety attachments must be installed properly before using the unit. Shut off and disconnect the cord before touching any parts other than the handles and the switch.
4. **Surfaces –** This snow thrower is intended for use on paved surfaces. Do not use on gravel, stone, or other unpaved surfaces unless the snow thrower is adjusted for such surfaces according to the instructions given in this operator's manual.
5. **Avoid accidental starting –** Make sure the switch is in the off position before plugging in the unit. Do not carry the snow thrower with your finger on the switch.

6. **Body position –** Maintain proper footing and balance at all times. Place heels firmly on the ground and tightly grasp the handle bar. Watch for uneven surfaces and do not overreach. In case you fall or collide with the snow thrower, inspect the unit for any damages or cracks. When stepping backwards, be careful to avoid obstacles beneath your feet or behind you to avoid falling.
7. **If the snow thrower strikes any object, immediately stop the snow thrower, then inspect for damage –** Repair any damage before restarting and operating the snow thrower.

Safety Instructions for Walk-Behind Snow Throwers

- **Read the operator's manual carefully –** Learn your snow thrower's applications and limitations as well as the specific potential hazards related to this machine. Do not use this machine for any purpose other than the one for which it was designed. Otherwise, it may cause mechanical defects, serious damage, or personal injury.
- **Preliminary unit inspection –** Thoroughly inspect the unit before use. Make sure all the parts are secure and installed correctly. If you notice any abnormalities, do not use the machine until it has been properly repaired. Always perform a test run the first time you use the snow thrower or after replacing parts to ensure that the unit is functioning properly.
- **Preliminary area inspection –** Clear the area to be plowed before each use. Remove all objects, such as rocks, broken glass, nails, wire, or string, which can be thrown by or become entangled in the snow thrower. Keep the area of operation clear of all spectators, particularly children and pets.
- **Excessive force –** The snow thrower was designed to respond at a certain rate for various snow conditions for optimum safety and performance. Do not force it; keep pressure constant.
- **Malfunctioning switch –** Do not use the snow thrower if the switch does not turn it on and off. Any electrical appliance that cannot be controlled by the switch is not safe to use and must be repaired.
- **Hitting an object –** If the snow thrower accidentally strikes an object, follow these steps:

  i) Stop the snow thrower and unplug the unit

  ii) Inspect for damage

  iii) Repair or replace any damaged part before restarting and operating the snow thrower.
- **Discharge chute safety –** Never direct the snow discharge chute at the operator, at bystanders, at vehicles, or at windows. The discharged snow stream and foreign objects accidentally picked up by the snow thrower can cause serious damage and personal injury. Do not use your hands to unclog the discharge chute. Stop the motor before removing debris.
- **Hand-held operating position –** Operation of the snow thrower in the hand-held position is unsafe.
- **Abnormal operation –** If you notice the snow thrower running in an unstable state or hear abnormal sounds from the engine, immediately stop the machine, disconnect the power, and contact an authorized Snow Joe® + Sun Joe® service center.
- **Noise control –** When using the snow thrower, you must respect local laws and regulations regarding noise control and environmental protection. To avoid noise disturbance, you should carefully decide upon an appropriate operation time and consider the surrounding conditions.
- **When work is completed –** Disconnect the snow thrower from the power source when not in use, when changing accessories, and before performing any maintenance function.
- **Store safely –** Store the snow thrower indoors in a dry area between uses. Keep it in a locked area, where children and unauthorized users cannot gain access. Do not store the machine while it is still connected to the power source as this may result in damage and injury.
- **Maintain for safety and longevity –** Check for misalignment or binding of moving parts, breakage of parts, and any other conditions that may affect the unit's operation. If damaged, repair or replace the damaged part before use. Use only original replacement parts designed specifically for your model. When replacing any parts, you must strictly observe the instructions and procedures described in this manual. Special care should be paid to any rubber parts, since these parts may increase the engine load and decrease its mechanical power if damaged.

  Always check that all bolts, nuts, and knobs are tight before using the snow thrower!

Safety Symbols

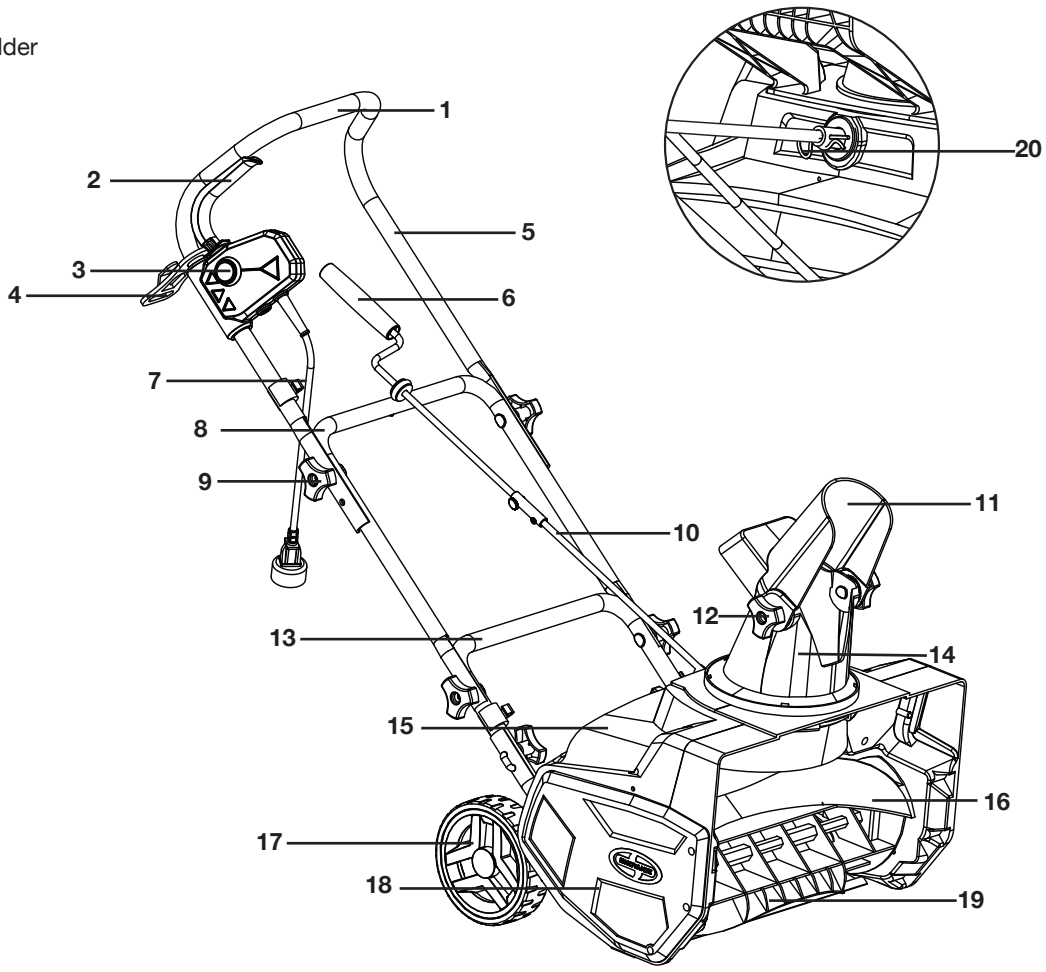
The following table describes safety symbols that may appear on this product. Read, understand, and follow all instructions on the machine before attempting to assemble and operate.

Symbols	Descriptions	Symbols	Descriptions
	READ THE OPERATOR'S MANUAL(S) – Read, understand, and follow all instructions in the user manual(s) before attempting to assemble and operate.		**WARNING!** Do not expose the unit to rain or wet conditions. Keep dry.
	SAFETY ALERT – Indicates a precaution, a warning, or a danger.		**DANGER!** Cutting/dismemberment hazard - Keep feet away from the rotating auger.
	Wear hearing protection. Wear eye protection. Wear breathing protection.		**CAUTION!** Beware of stones and other foreign objects that could be thrown from the appliance.
	Keep hands, feet, and clothing away from the rotating auger to avoid injury.		Keep bystanders and children a safe distance (at least 33 ft/10 m) away from the work area.
	Wear protective gloves and non-slip footwear when using the machine and handling debris.		Keep bystanders and children a safe distance away.
	Do not use hands to unclog chute.		**DANGER!** Cutting/dismemberment hazard – Keep hands away from the rotating auger. Do not use hands to unclog rotor housing. Stop motor before removing debris.
	Always keep the power cable away from heat sources, oils, or sharp edges. Immediately remove plug from the mains if the cable is damaged or entangled.		**WARNING!** Turn the machine OFF and disconnect it from the power supply before inspecting, cleaning, changing accessories, or conducting any other maintenance task.
	Double insulation.		The rotating part will continuously run for several seconds after you turn off the machine.

Know Your Electric Snow Thrower

Read the owner's manual and safety rules carefully before operating your electric snow thrower. Compare the illustration below to the actual unit in order to familiarize yourself with the location of the various controls and adjustments. Save this manual for future reference.

1. Handle bar
2. ON/OFF switch lever
3. Safety switch button
4. Extension cord restraint holder
5. Upper handle
6. Upper crank rod
7. Appliance cord
8. Middle frame
9. Handle knob (6)
10. Lower crank rod
11. Chute deflector
12. Deflector knob (2)
13. Lower frame
14. Discharge chute
15. Main cover
16. Auger
17. Assembly wheel
18. Side cover
19. Scraper bar
20. Cotter pin



Technical Data

Rated Voltage	120 V ~ 60 Hz	Clearing Width	18 in. (45.7 cm)
Power	13 A	Depth of Snow Cut	8 in. (20 cm)
No Load Speed	2000 ± 10% rpm	Throw Distance (Max)	20 ft (6 m)
Rotor	2-blade, cold and abrasion-resistant plastic	Plowing Capacity (Max)	550 lbs/min (250 kg/min)
		Directional Control	180° adjustable chute
Tire Size	6.3 in. (16 cm)	Weight	25.9 lbs (11.75 kg)
Type of Snow	Dry or wet snow		

Unpacking

Carton Contents:

- Electric snow thrower with upper handle
- Middle frame
- Lower frame
- Discharge chute
- Chute deflector
- Upper crank rod
- Lower crank rod with cotter pin
- Crank rod connector
- Handle knobs/deflector knobs (8)
- Square J-bolts (2)
- Carriage bolts (6)
- Rubber washers (2)
- Thumbscrews (2)
- Manual with registration card

1. Carefully remove the electric snow thrower and check to see that all of the above items are supplied.
2. Inspect the product carefully to make sure no breakage or damage occurred during shipping. If you find damaged or missing parts, DO NOT return the unit to the store. Please call the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563).

   NOTE: Do not discard the shipping carton and packaging material until you are ready to use your new electric snow thrower. The packaging is made of recyclable materials. Properly dispose of these materials in accordance with local regulations or save the packaging for long-term product storage.

IMPORTANT! The equipment and packaging material are not toys. Do not let children play with plastic bags, foils, or small parts. These items can be swallowed and pose a suffocation risk!

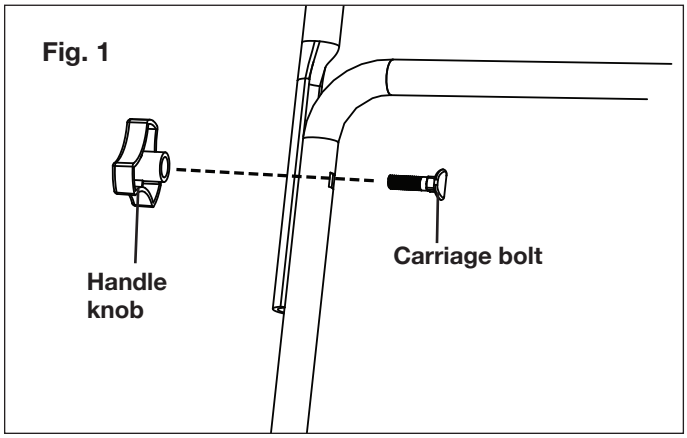
⚠ CAUTION ⚠

Inspect wiring, which, if damaged during shipping, may cause serious bodily injury during equipment use. If any damage is seen or suspected, do not assemble. Instead, contact the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563) for assistance.

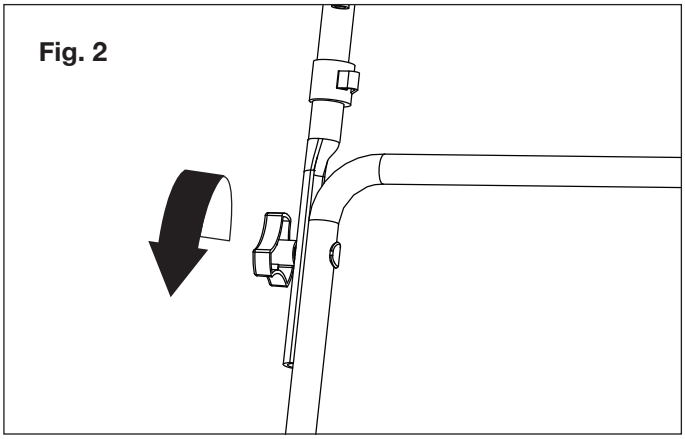
Handle with care during assembly so that electrical wiring does not become damaged.

Upper, Middle and Lower Frame Assembly

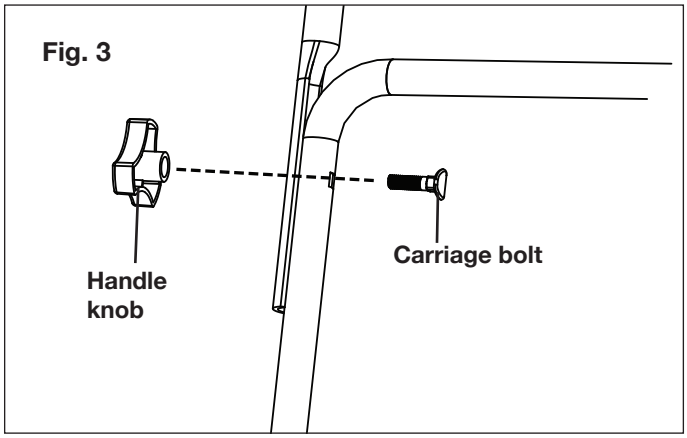
1. Align the holes in the upper handle with those in the top of the middle frame (Fig. 1).



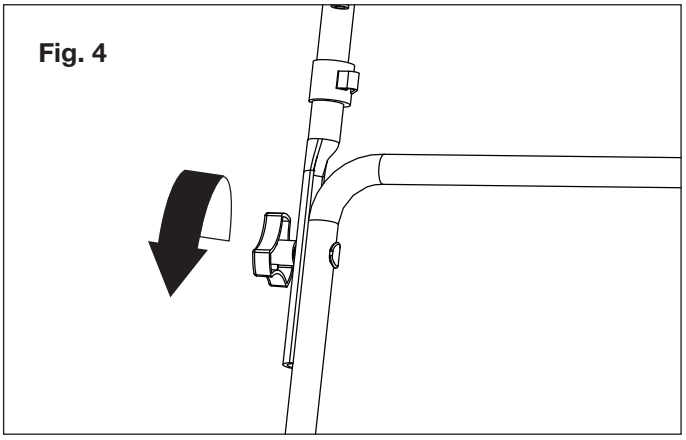
2. Secure the upper handle to the middle frame using 2 knobs and 2 carriage bolts. Install the knobs on the outside of the unit, and tighten (Fig. 2).



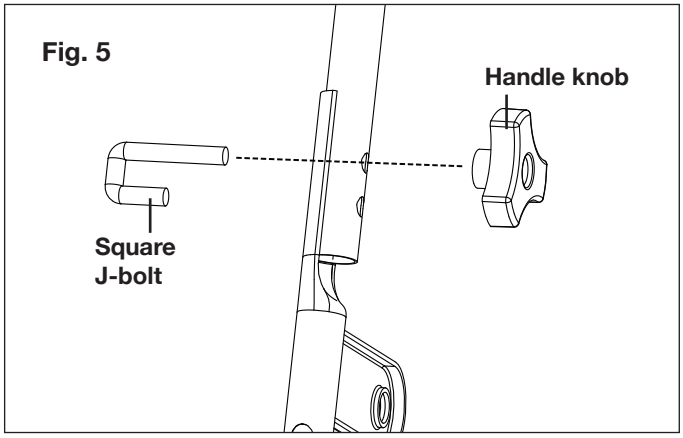
3. Align the holes in the middle frame with those in the top of the lower frame (Fig. 3).



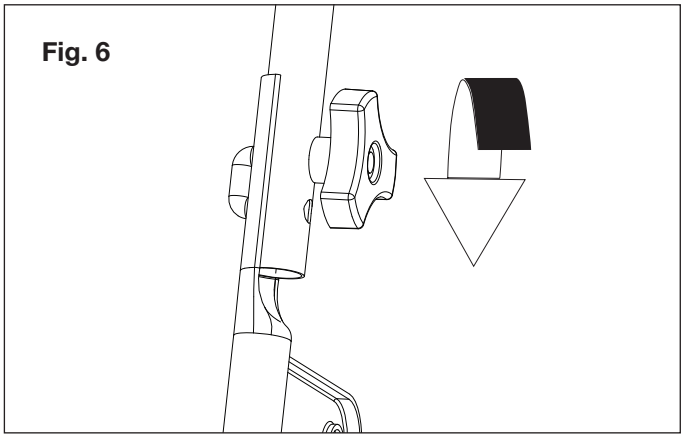
4. Secure the middle frame to the lower frame using 2 knobs and 2 carriage bolts. Install the knobs on the outside of the unit, and tighten (Fig. 4).



5. Align the holes in the bottom of the lower frame with those on the unit (Fig. 5).

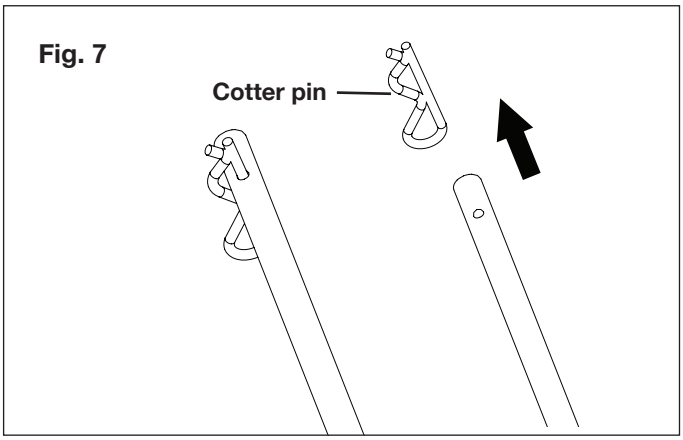


6. Secure the lower frame to the unit using 2 knobs and 2 J-bolts. Install the knobs on the inside of the unit, and tighten (Fig. 6).

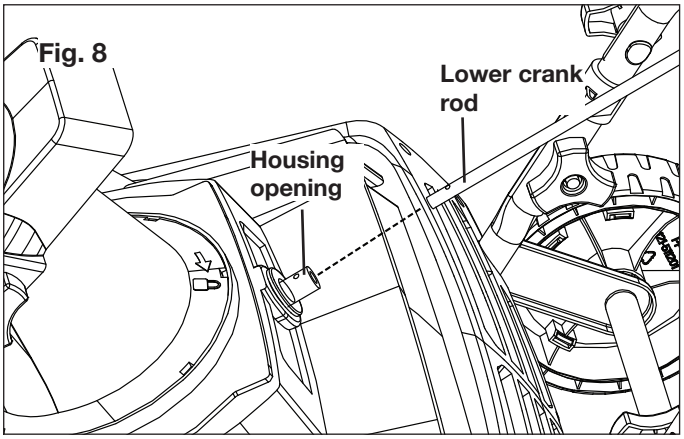


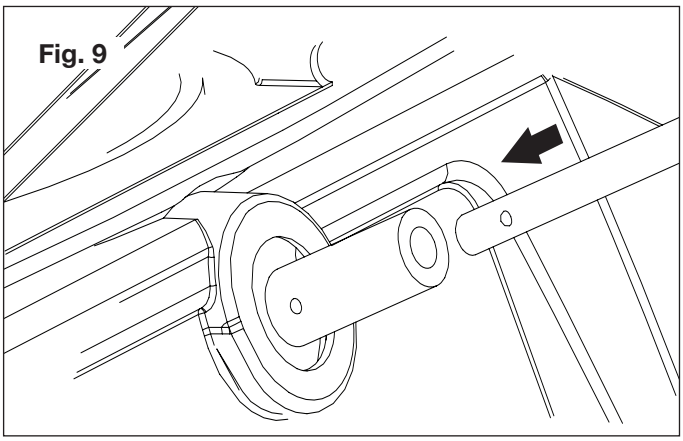
Chute Crank Assembly

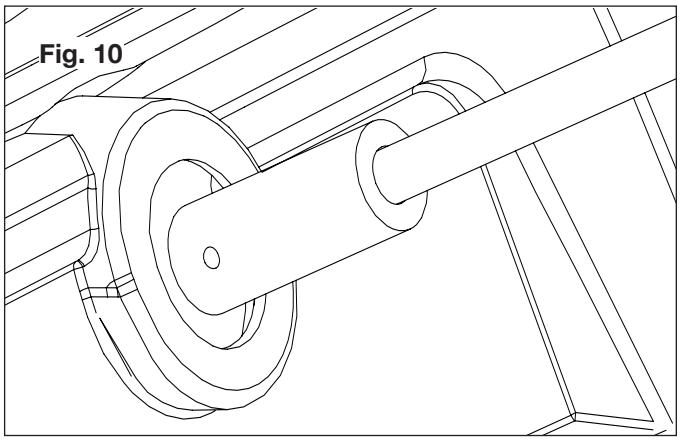
1. Remove the cotter pin from the lower crank rod (Fig. 7).



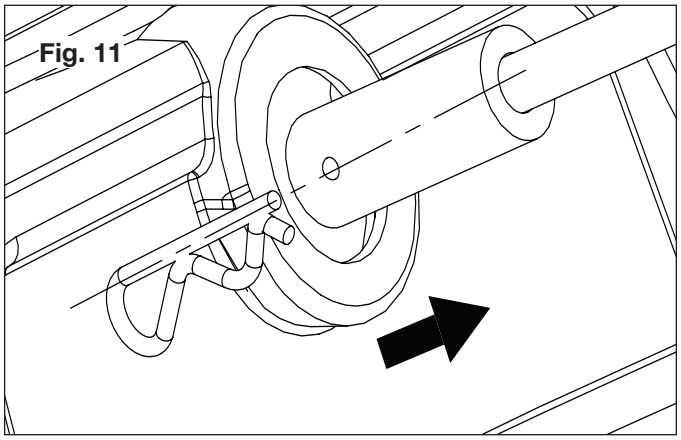
2. Insert the pin-hole end of the lower crank rod into the opening at the back of the housing with holes aligned (Figs. 8 – 10).

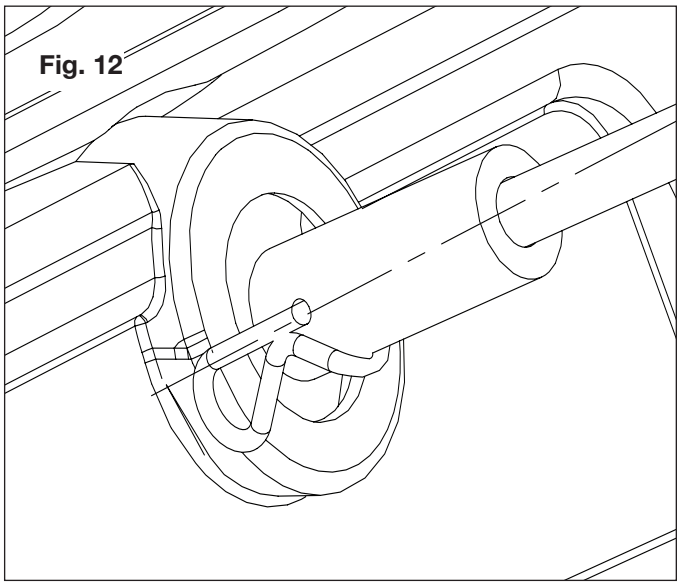




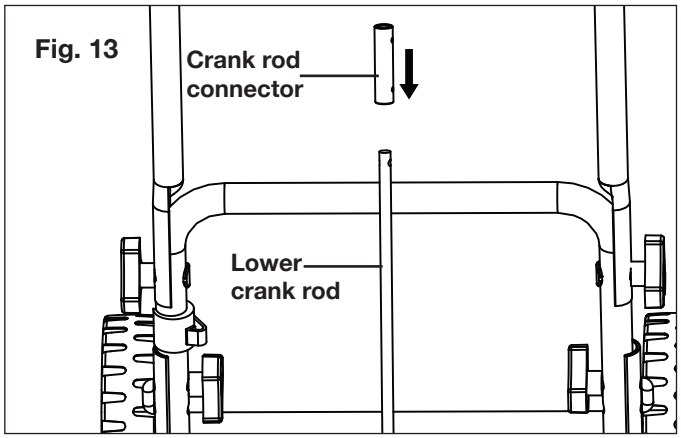


3. Secure the lower crank rod in place with the cotter pin (Figs. 11 – 12).

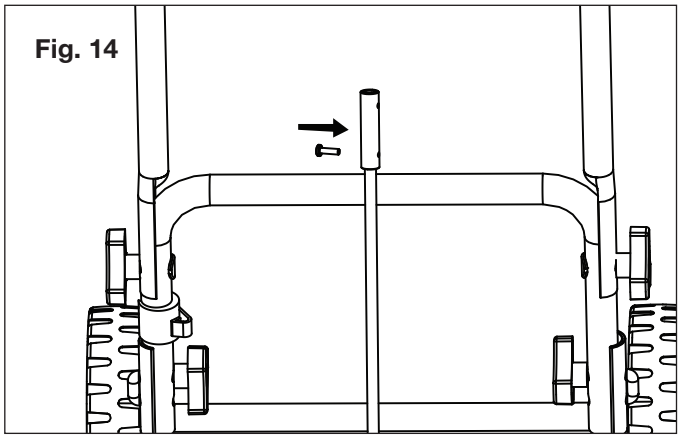




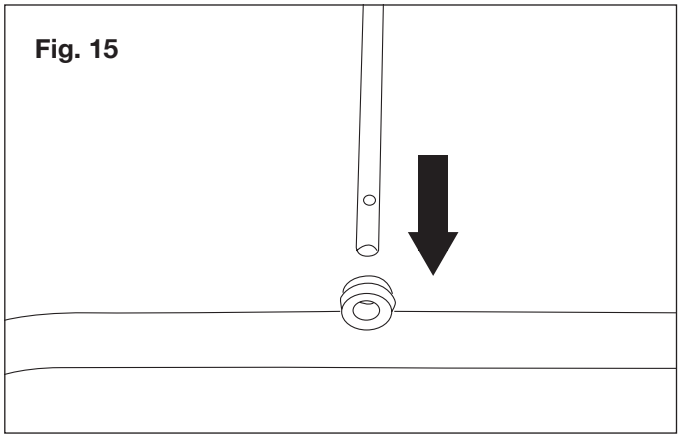
4. Slide the crank rod connector over the top of the lower crank rod (Fig. 13).



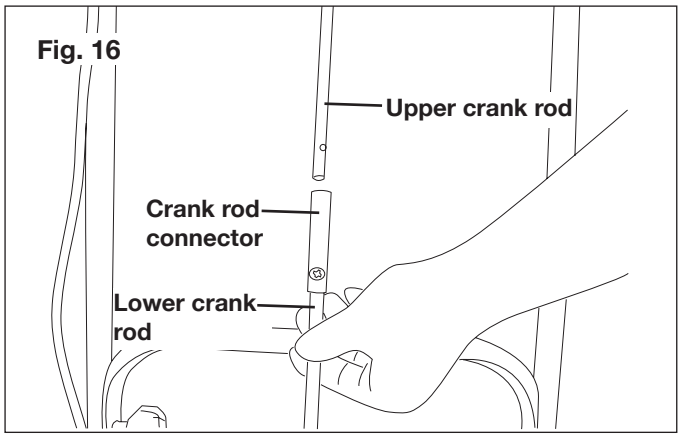
5. Align the hole on the bottom of the crank rod connector with the hole in the lower crank rod, insert the first thumbscrew and turn clockwise to secure it (Fig. 14).



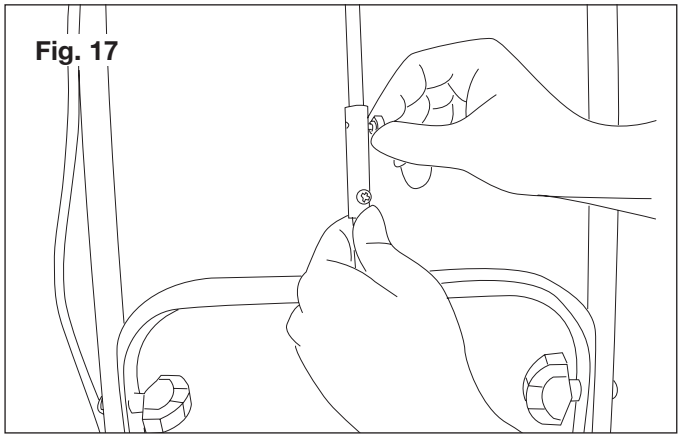
6. Slide the upper crank rod through the rubber ring located on the middle frame (Fig. 15).



7. Slide the upper crank rod into the top of the crank rod connector (Fig. 16).

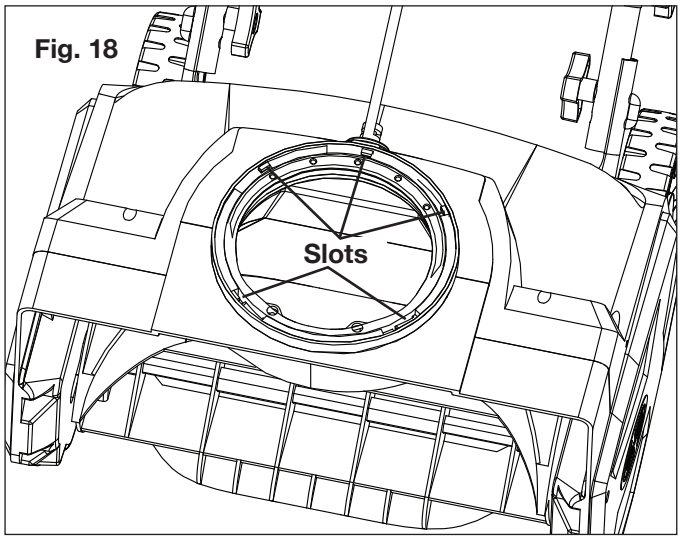


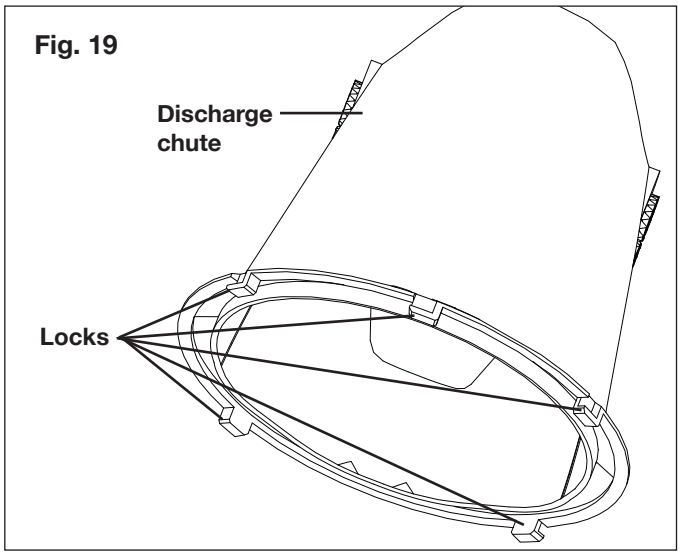
8. Align the holes on the connector with the holes in the upper crank rod, insert the second thumbscrew and turn clockwise to secure it (Fig. 17).

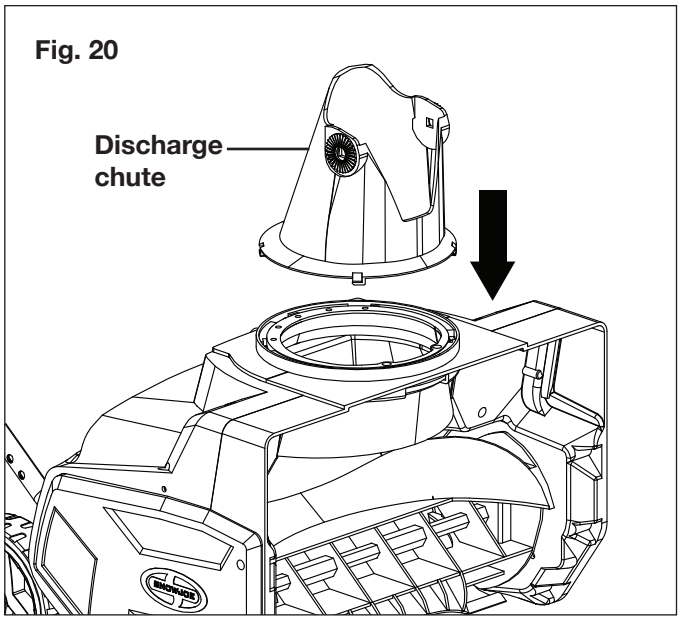


Discharge Chute Assembly

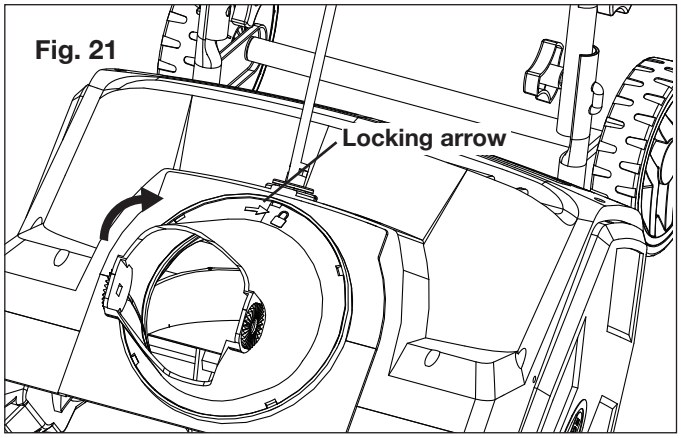
1. Align the five locks on the discharge chute with the five slots in the main housing, and push down until the chute is flush and flat against the housing (Figs. 18 – 20).



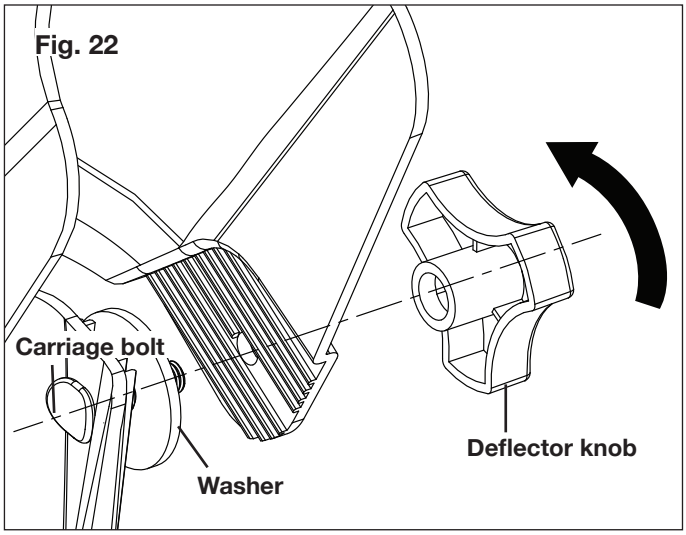




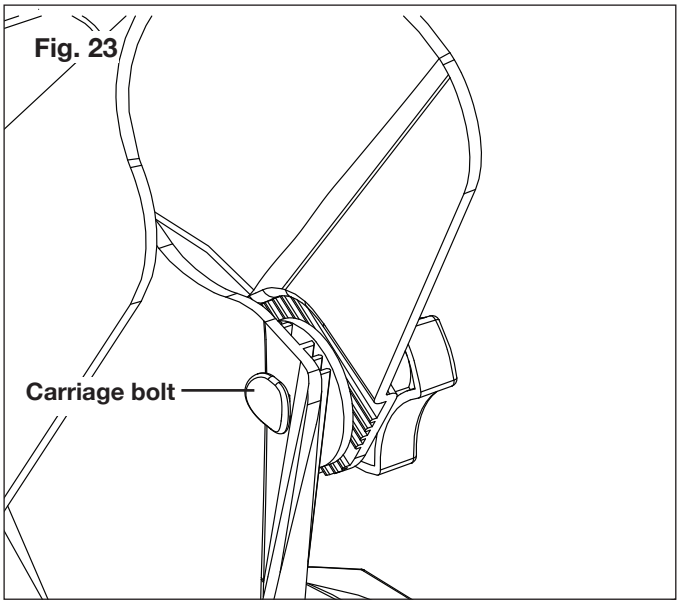
2. Rotate the discharge chute clockwise in the direction of the locking arrow until the chute "clicks"; this sound indicates the chute has locked into position (Fig. 21).



3. Position the chute deflector over the discharge chute and align the holes, placing the washer between the deflector and the chute (Fig. 22).



4. Secure the carriage bolts and knobs. Make sure the knobs are tightened (Fig. 23).



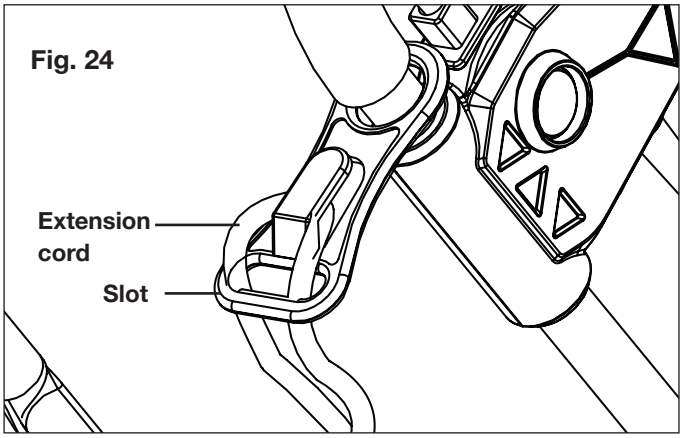
5. Turn the chute control crank clockwise to ensure the discharge chute and deflector are in position.

Operation

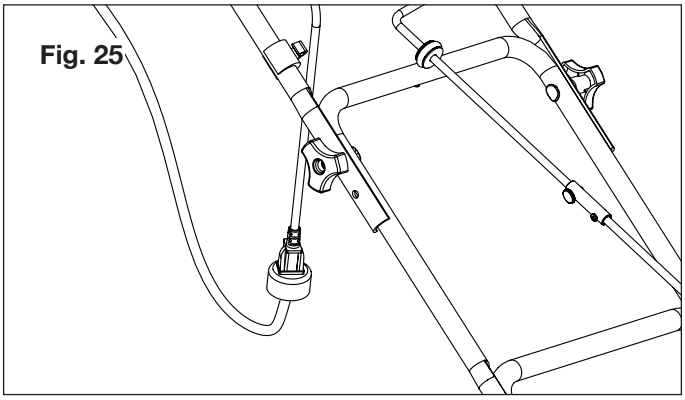
NOTE: Before using this machine, make sure that the power source you will use complies with the specifications detailed in this manual. Before inserting the plug into the socket, verify that the snow thrower's auger and rubber plates are firmly secured, and that the rubber plates are facing the correct direction. Perform a test run to ensure that the rotor turns freely.

Securing the Extension Cord

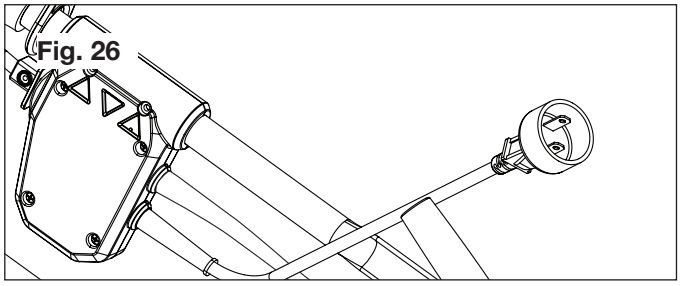
1. For safe and efficient use of your snow thrower, use only a UL-rated extension cord recommended for outdoor use. Refer to the **Extension Cord Chart** on page 2.
2. Push a loop of the extension cord through the slot on the cord lock from the opposite side of the restraint hook. Position the loop over the hook and pull the cable back through the slot (Fig. 24).



3. Insert the female end of the extension cord into the appliance's polarized male plug (Fig. 25).



4. Note that the snow thrower has a polarized male plug – one prong in the plug is slightly longer and wider than the other (Fig. 26). The extension cord female end should be likewise polarized so that the extension cord fits snugly into the appliance plug.



WARNING

Damaged electrical cords present risk of fire, electrical shock, and serious bodily injury.

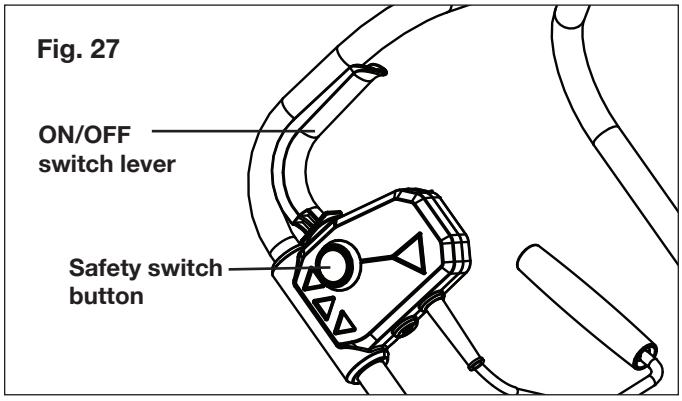
Before operating the snow thrower, carefully examine the electrical cord. If the cord is damaged, do not use the snow thrower. Replace or repair the damaged cord immediately. If you need assistance, contact an authorized Snow Joe® + Sun Joe® service center.

Powering On and Off

WARNING! The auger starts rotating immediately after the snow thrower is switched on. Keep hands and feet away from the auger.

1. To power on, depress and hold the safety switch button found alongside the switch housing (Fig. 27).
2. While depressing the safety switch button, pull the ON/OFF switch lever toward you. Once the machine powers on, release the safety switch button and begin operation (Fig. 27). The machine can only be started by depressing the safety switch button first, followed by squeezing the ON/OFF switch lever; reverse operation will not start the machine.

Fig. 27



3. To power off, release your grip on the ON/OFF switch lever.

Moving the Machine and Plowing the Snow

WARNING

Foreign objects, such as rocks, broken glass, nails, wire, or string, can be picked up and thrown by the snow thrower, causing serious personal injury.

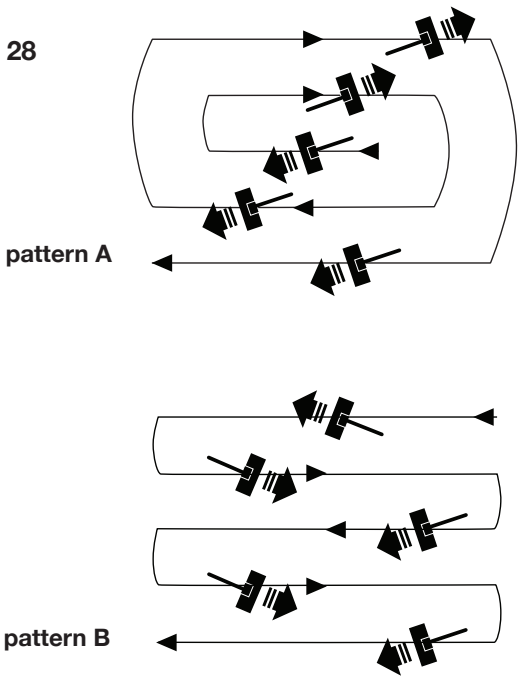
Remove all foreign objects from the area to be plowed before operating the snow thrower.

1. Keep the area of operation free of foreign objects that can become thrown by the rotor blades. Perform a thorough inspection of the area since some objects may be hidden from view by surrounding snow. If the snow thrower hits an obstruction or picks up a foreign object during use, stop the snow thrower, disconnect the extension cord, remove the obstruction, and inspect the unit for damage. Repair or replace any damaged part before restarting and operating the unit.
2. Keep children, pets, and bystanders away from the area of operation. Be aware that the normal noise of the machine when turned on may make it difficult for you to hear approaching people.
3. When moving the snow thrower, use the wheels on one side as the pivot point. Slightly tilt the snow thrower on this pivot point to move it forward or backward.
4. Start your clearing path near the electrical outlet and work outward, throwing snow in a back and forth motion. To clear in the opposite direction, step over the cord and pivot the snow thrower on its wheels. Make sure to overlap clearing paths.
5. Note the wind direction. If possible, move in the same direction as the wind so that the snow is not thrown against the wind (and thus back into your face and onto the just-cleared path).
6. While moving the snow thrower, do not drag the power cable violently or roughly. The snow thrower should move within the range that the cable can safely reach.
7. Do not push the snow thrower with excessive force. You should push the machine gently and evenly in accordance with the unit's throw rate.
8. Do not apply additional man-made load to the engine since this may cause engine damage.
9. Some parts of the snow thrower may freeze under extreme temperature conditions. Do not attempt to operate the snow thrower with frozen parts. If the parts freeze while the snow thrower is in use, stop the snow thrower, unplug the extension cord, and inspect for frozen parts. Free all parts before restarting or operating the snow thrower. Never force controls that have frozen.
10. When working on pebbles, gravel, or unpaved surfaces, avoid throwing loose surface material along with the snow by pushing down on the handle to raise the scraper bar at the base of the unit above the pebbles or gravel.
11. For larger areas, a definite pattern of operation is required to thoroughly clean an area of snow. These patterns will avoid throwing snow in unwanted places, a well as eliminate the need for a second removal of snow (Fig. 28).

    Pattern A: Throw the snow to the right or left side where it is possible. For areas such as a long driveway, it is advantageous to start in the middle. Plow from one end to the other, throwing snow to both sides.

    Pattern B: If the snow can only be thrown to one side of the area to be cleared, start on the opposite side.

Fig. 28



Changing Throw Direction and Throw Height

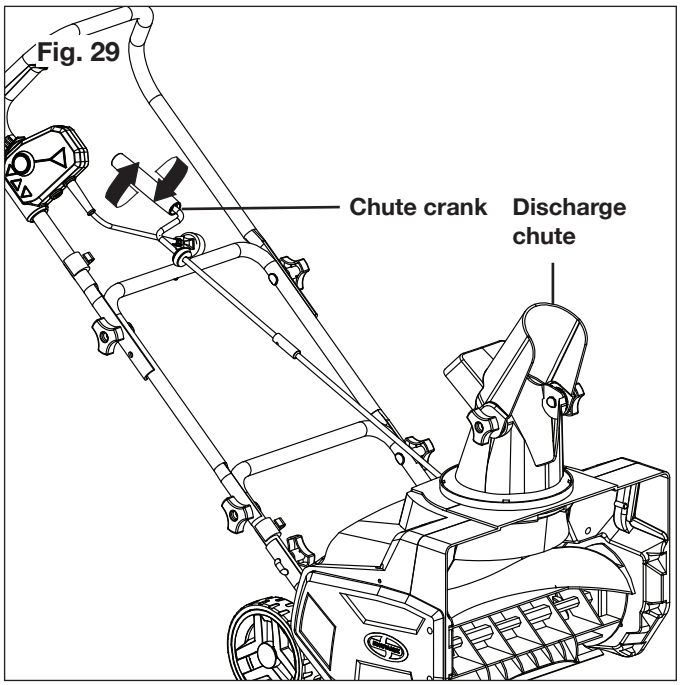
WARNING

Never direct the snow discharge chute at the operator, at bystanders, at vehicles, or at nearby windows. The discharged snow and foreign objects accidentally picked up by the snow thrower can cause serious damage and personal injury.

Always orient the discharge chute in the opposite direction from where you, bystanders, surrounding vehicles, or windows are located.

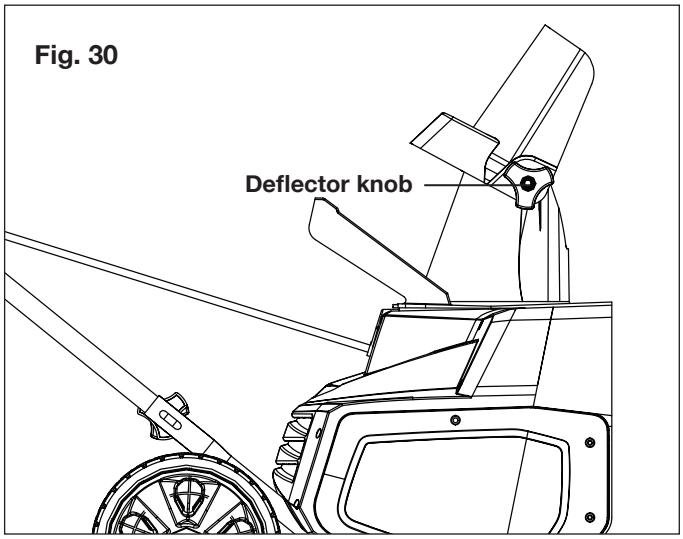
1. The discharge chute can be adjusted 180 degrees by rotating the chute crank. Rotate the chute control crank clockwise to move the discharge chute to the left and counterclockwise to move the chute to the right (Fig. 29).

Fig. 29



2. The chute deflector on the top of the discharge chute controls the height of the snow stream. Loosen the knobs to raise or lower the deflector to the desired height of snow you wish to throw. Tighten the knobs to secure the deflector (Fig. 30).

Fig. 30



WARNING

Make sure that the chute deflector snaps and locks completely onto the discharge chute. An opening between the discharge chute and the chute deflector may allow foreign objects to be picked up by the snow thrower and thrown in the direction of the operator causing serious boldly injury.

- **Do not advance the chute deflector too far forward causing an opening to appear between the deflector and discharge chute.**
- **Do not overtighten the knobs on the chute deflector.**

Maintenance

WARNING

Make sure to turn off the switch and disconnect the extension cord before performing any maintenance task on your snow thrower.

Lifetime Lubrication (Motor and Auger)

Lubrication is not necessary and may damage the unit. The snow thrower is lubricated for lifetime use at the factory before shipment.

General Maintenance Tips

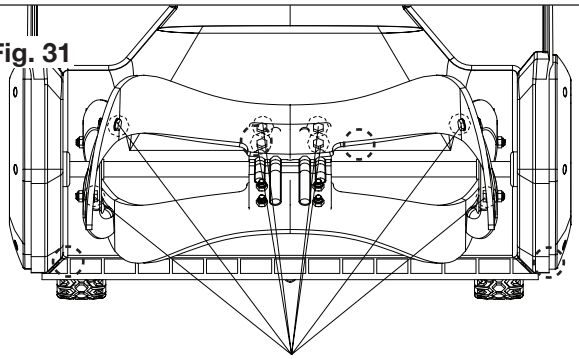
1. Do not attempt to repair the machine unless you have the proper tools and instructions for disassembly and repair of the machine.
2. Check bolts and screws at frequent intervals for proper tightness to ensure that the equipment is in safe working condition.
3. After each snow removal session, run the snow thrower for a few minutes to prevent the collector/impeller from freezing. Shut off the motor, wait for all revolving parts to stop completely, and wipe residual ice and snow off the unit. Rotate the chute crank several times to remove any excess snow.
4. Only use a cloth soaked with hot water and a soft brush to clean the snow thrower; never wet or spray water on the machine!
5. Do not use detergent or solvents as these could cause irreparable damage to the snow thrower. Chemicals can destroy the plastic parts.
6. To protect the snow thrower from corrosion when storing for long periods, lightly oil the metal parts.
7. Store the appliance in a dry area out of reach of children.
8. For the user's safety, worn or damaged parts must be replaced. Replace with original replacement parts only. Parts from another snow thrower may not fit properly, causing an unsafe situation.

Replacing the Rubber Plates

NOTE: When replacing worn rubber plates, pay close attention to any different types of bolts and nuts and where they are positioned. This will ensure that the new rubber plates are installed properly and securely.

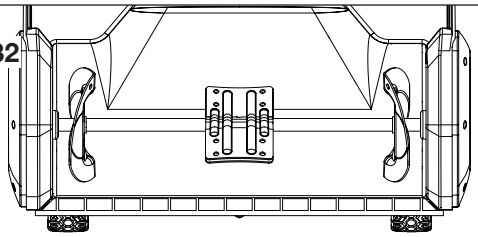
1. Detach the worn rubber plates by removing the sets of nuts and bolts used to secure it (Figs. 31 – 32).

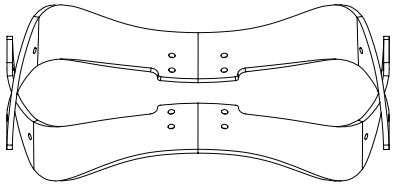
Fig. 31



The sets of nuts and bolts

Fig. 32

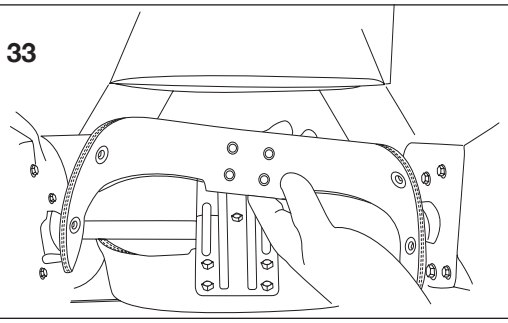




2. Install the first replacement rubber plate and insert the appropriate bolt into the corresponding holes on each part of the rubber plate. Make sure the lock-nuts are firmly secured to the bolts.

3. Install the other rubber plate in the same manner (Fig. 33).

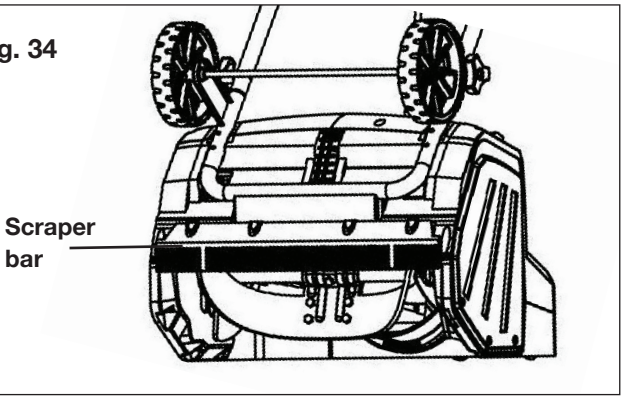
Fig. 33



Replacing the Scraper Bar

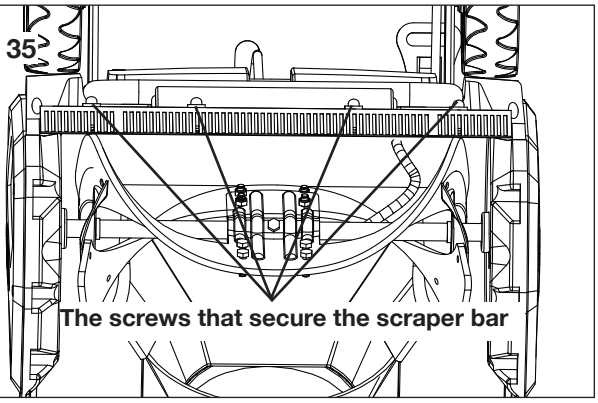
1. The scraper bar is located at the base of the snow thrower beneath the rotor housing (Fig. 34).

Fig. 34



2. Remove the screws that secure the scraper to the snow thrower (Fig. 35).

Fig. 35



3. Install the new scraper bar and fasten it securely to the snow thrower with the screws.

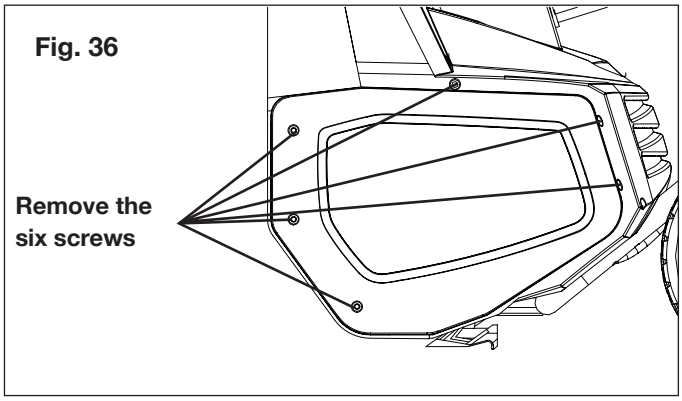
Replacing the Belt

NOTE: Under normal operating conditions, it should not be necessary to replace the auger belt. However, should the auger jam or malfunction, the belt could be damaged. To replace the belt, follow the instructions.

NOTE: Determine the left and right hand side of the snow thrower by standing behind the unit in the normal operating position.

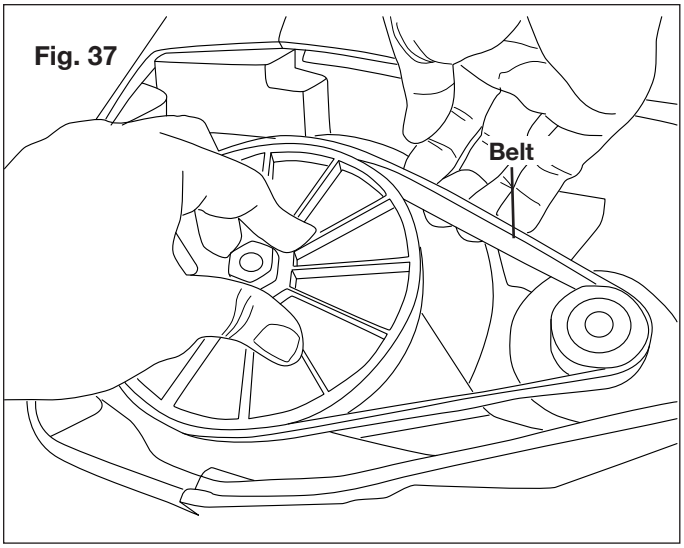
1. Open the left side plate by removing six screws (Fig. 36).

Fig. 36



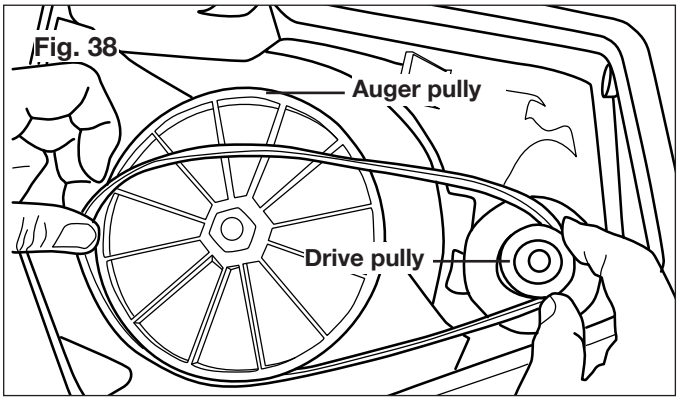
2. Use your right hand to turn the rib side of the belt up and pull upwards while turning the auger pulley counterclockwise with your left hand. The belt can be easily removed from the pulley (Fig. 37).

Fig. 37

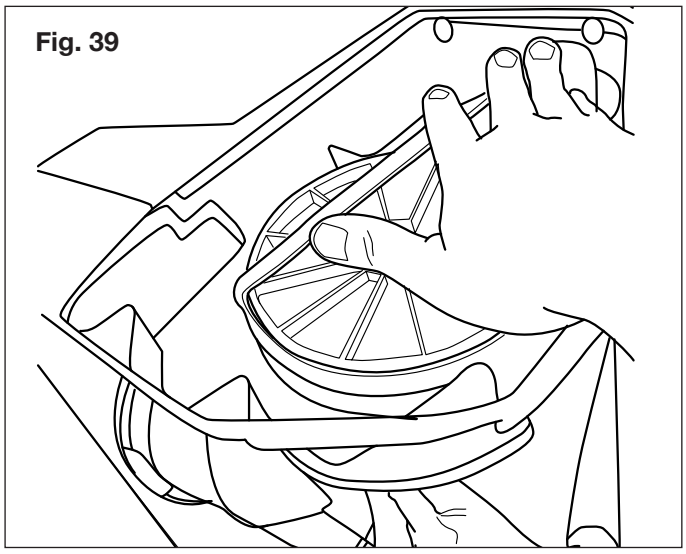


3. Put the belt on the drive pulley first and then place the belt at the lower end of the auger pulley (Fig. 38).

Fig. 38



4. Use your right hand to press the belt with the ribbed side down. While holding the belt down with your right hand, use your left hand to turn the auger forward so that the auger pulley rotates in a clockwise direction. The belt will be gradually pushed down onto the pulley. When the belt is seated on the pulley, adjust it so that the ribs of the belt match the grooves on the pulley. (Fig. 39).

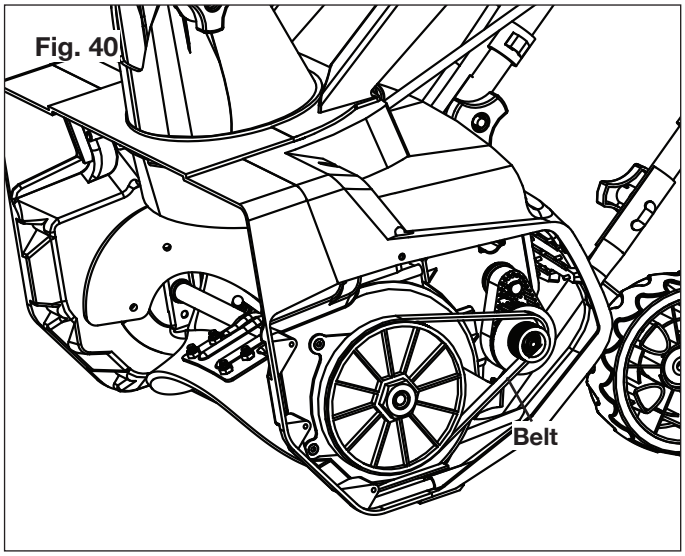


5. After belt is installed, replace the side plate and secure it with the six screws (Fig. 36).

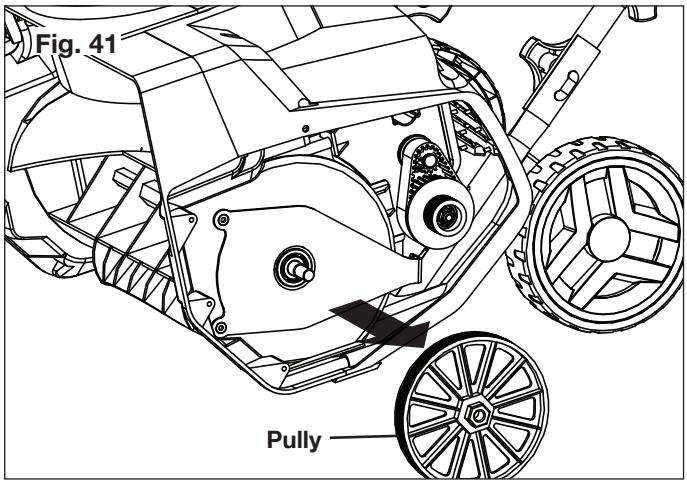
   NOTE: Heavy wet snow puts a load on belts, thus requiring more frequent belt replacement.

Replacing the Pulley

1. Open the left side plate by removing six screws (Fig. 36). Remove the belt following the directions above (Fig. 40).



2. Secure the auger. Using an 18 mm hex socket, turn the pulley clockwise to remove (Fig. 41).



3. Follow directions in reverse to install the new pulley.

Storage

1. Allow the engine to cool completely before cleaning, storing, or transporting the snow thrower. Be sure to secure the unit while transporting.
2. Disconnect the extension cord from the snow thrower. Inspect the extension cord closely for signs of wear or damage. Replace it if it is worn or damaged.
3. Inspect the snow thrower carefully for worn, loose, or damaged parts. Check connections and screws and tighten if necessary. For repairing or replacing parts, contact your authorized Snow Joe® + Sun Joe® dealer or the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563).
4. Store the unit, along with the disconnected extension cord, in a locked, dry place out of the reach of children to prevent unauthorized use or damage. Cover loosely with a tarp for added protection.

Service and Support

If your Snow Joe® Ultra SJ618E electric snow thrower requires service or maintenance, please call the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563).

Model and Serial Numbers

When contacting the company, reordering parts or arranging service from an authorized dealer, you will need to provide the model and serial numbers, which can be found on the decal on the main cover of the unit to the left of the discharge chute. Copy these numbers into the space provided below.

Record the following numbers from the housing or handle of your new product:

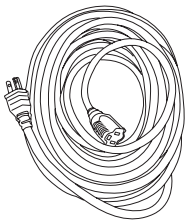
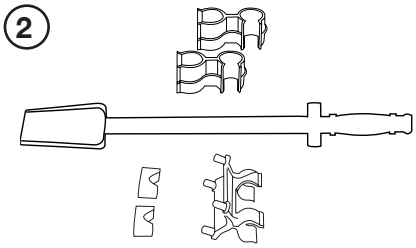
Model #:

S | J | 6 | 1 | 8 | E

Serial #:

Accessories

⚠**WARNING!** ALWAYS use only authorized Snow Joe® + Sun Joe® replacement parts and accessories. NEVER use replacement parts or accessories that are not intended for use with this electric snow thrower. Contact Snow Joe® + Sun Joe® if you are unsure whether it is safe to use a particular replacement part or accessory with your electric snow thrower. The use of any other attachment or accessory can be dangerous and could cause injury or mechanical damage.

Accessories	Item	Model
① 	Snow Joe® + Sun Joe® Power Joe SJTW-A 14-gauge 50-foot extension cord with lighted end	PJEXT50-B
② 	Universal Snow Thrower Chute Clean Out Tool	SJCOT

NOTE: Accessories are subject to change without any obligation on the part of Snow Joe® + Sun Joe® to provide notice of such changes. Accessories can be ordered online at snowjoe.com or via phone by contacting the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563).

NOTES

SNOW JOE® + SUN JOE® CUSTOMER PROMISE

ABOVE ALL ELSE, Snow Joe® + Sun Joe® are dedicated to you, our customer. We strive to make your experience as pleasant as possible. Unfortunately, there are times when a product does not work or breaks under normal operating conditions. We think it's important that you know what you can expect from us. That's why we created the Snow Joe® + Sun Joe® promise.

OUR PROMISE: Snow Joe® + Sun Joe® warrant new products for two years from the date of purchase. If your product does not work, or there's an issue with a specific part, we will fix this by either sending you a free replacement part or by sending you a new or comparable product at no charge. How cool is that! Before you know it, you'll be back in action cutting, sawing, mowing, washing and…?

GENERAL CONDITIONS:

Snow Joe® + Sun Joe® operating under Snow Joe®, LLC warrants this new product to the original purchaser for two years against defects in material or workmanship when used for normal residential purposes. If a replacement part or product is needed, it will be sent free of charge to the original purchaser except as noted below.

The duration of this warranty applies only if the product is put to personal use around the household. If the product is put to any business, commercial or industrial use or is rented or leased, then the duration of this warranty is 90 days from the date of original purchase. It is the owner's responsibility to correctly perform all maintenance and minor adjustments explained in the owner's manual.

HOW TO OBTAIN YOUR REPLACEMENT PART OR PRODUCT:

To obtain a replacement part or product, please visit snowjoe.com/help or email us at help@snowjoe.com for instructions. Please be sure to register your unit beforehand to speed up this process. Certain products may require a serial number, typically found on the decal affixed to the housing or guard of your product. All products require a valid proof of purchase.

EXCLUSIONS:

- Wearing parts like belts, augers, chains and tines are not covered under this warranty. Wearing parts can be purchased at snowjoe.com or by calling 1-866-SNOWJOE (1-866-766-9563).
- Batteries are covered in full for 90-days from the date of purchase.

Snow Joe® + Sun Joe® may from time to time change the design of its products. Nothing contained in this warranty shall be construed as obligating Snow Joe® + Sun Joe® to incorporate such design changes into previously manufactured products, nor shall such changes be construed as an admission that previous designs were defective.

This warranty is intended to cover product defects only. Snow Joe®, LLC is not liable for indirect, incidental or consequential damages in connection with the use or misuse of the Snow Joe® + Sun Joe® products covered by this warranty. This warranty does not cover any cost or expense incurred by the purchaser in providing substitute equipment or service during reasonable periods of malfunction or non-use of this product while waiting for a replacement part or unit under this warranty. Some states do not allow exclusions of incidental or consequential damages so the above exclusions may not apply in all states. This warranty may give you specific legal rights in your state.

HOW TO REACH US:

We're here to help Monday through Friday from 9AM to 6PM EST. You can reach us at 1-866-SNOWJOE (1-866-766-9563), online at snowjoe.com, via email at help@snowjoe.com or tweet us @snowjoe.

EXPORTS:

Customers who have purchased Snow Joe® + Sun Joe® products exported from the United States and Canada should contact their Snow Joe® + Sun Joe® distributor (dealer) to obtain information applicable to your country, province or state. If for any reason, you are not satisfied with the distributor's service, or if you have difficulty obtaining warranty information, contact your Snow Joe® + Sun Joe® seller. If in the event your efforts are unsatisfactory, please reach out to us directly.

snowjoe.com